


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

| | | | | | | | |
|---|-------------------|---|--|---|--------------|---|--|
| APPLICATION FOR PERMIT TO DRILL | | | | | | 1. WELL NAME and NUMBER Federal 920-24JT | |
| 2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/> | | | | | | 3. FIELD OR WILDCAT NATURAL BUTTES | |
| 4. TYPE OF WELL Gas Well Coalbed Methane Well: NO | | | | | | 5. UNIT or COMMUNITIZATION AGREEMENT NAME | |
| 6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P. | | | | | | 7. OPERATOR PHONE 720 929-6587 | |
| 8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217 | | | | | | 9. OPERATOR E-MAIL mary.mondragon@anadarko.com | |
| 10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-0579 | | | 11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> | | | 12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> | |
| 13. NAME OF SURFACE OWNER (if box 12 = 'fee') | | | | | | 14. SURFACE OWNER PHONE (if box 12 = 'fee') | |
| 15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') | | | | | | 16. SURFACE OWNER E-MAIL (if box 12 = 'fee') | |
| 17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Ute | | | 18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/> | | | 19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> | |
| 20. LOCATION OF WELL | FOOTAGES | QTR-QTR | SECTION | TOWNSHIP | RANGE | MERIDIAN | |
| LOCATION AT SURFACE | 1881 FSL 1903 FEL | NWSE | 24 | 9.0 S | 20.0 E | S | |
| Top of Uppermost Producing Zone | 1881 FSL 1903 FEL | NWSE | 24 | 9.0 S | 20.0 E | S | |
| At Total Depth | 1881 FSL 1903 FEL | NWSE | 24 | 9.0 S | 20.0 E | S | |
| 21. COUNTY UINTAH | | 22. DISTANCE TO NEAREST LEASE LINE (Feet) 1881 | | 23. NUMBER OF ACRES IN DRILLING UNIT 1920 | | | |
| | | 25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1000 | | 26. PROPOSED DEPTH MD: 10400 TVD: | | | |
| 27. ELEVATION - GROUND LEVEL 4845 | | 28. BOND NUMBER WYB000291 | | 29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Permit #43-8496 | | | |
| ATTACHMENTS | | | | | | | |
| VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES | | | | | | | |
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | | | | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN | | | |
| <input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE) | | | | <input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER | | | |
| <input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED) | | | | <input checked="" type="checkbox"/> TOPOGRAPHICAL MAP | | | |
| NAME Kevin McIntyre | | TITLE Regulatory Analyst I | | PHONE 720 929-6226 | | | |
| SIGNATURE | | DATE 09/25/2008 | | EMAIL Kevin.McIntyre@anadarko.com | | | |
| API NUMBER ASSIGNED 43047501560000 | | APPROVAL  Permit Manager | | | | | |

| | | |
|----------------------------|--------------------------------|--------------------|
| DATE SURVEYED: 08-01-08 | SURVEYED BY: B.J.S. | SHEET 1 OF 9 |
| DATE DRAWN: 08-04-08 | DRAWN BY: B.R.B. | |
| SCALE: 1" = 1000' | Date Lost Revised: 09-12-08 | |

WELL PAD LEGEND

● WELL LOCATION

--- EXISTING CONTOURS (2' INTERVAL)

--- PROPOSED CONTOURS (2' INTERVAL)

WELL PAD FEDERAL 920-24JT QUANTITIES

EXISTING GRADE @ LOC. STAKE = 4,845.4'

FINISHED GRADE ELEVATION = 4,844.6'

CUT SLOPES = 1.5:1

FILL SLOPES = 1.5:1

TOTAL CUT FOR WELL PAD = 6,650 C.Y.

TOTAL FILL FOR WELL PAD = 6,083 C.Y.

TOPSOIL @ 6" DEPTH = 3,006 C.Y.

TOTAL DISTURBANCE = 3.73 ACRES

SHRINKAGE FACTOR = 1.15

SWELL FACTOR = 1.00

RESERVE PIT CAPACITY (2' OF FREEBOARD)

+/- 25,880 BARRELS

RESERVE PIT VOLUME

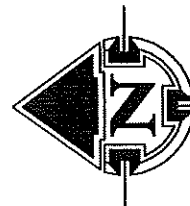
+/- 7,185 CY

BACKFLOW PIT CAPACITY (2' OF FREEBOARD)

+/- 8,780 BARRELS

BACKFLOW PIT VOLUME

+/- 2,520 CY



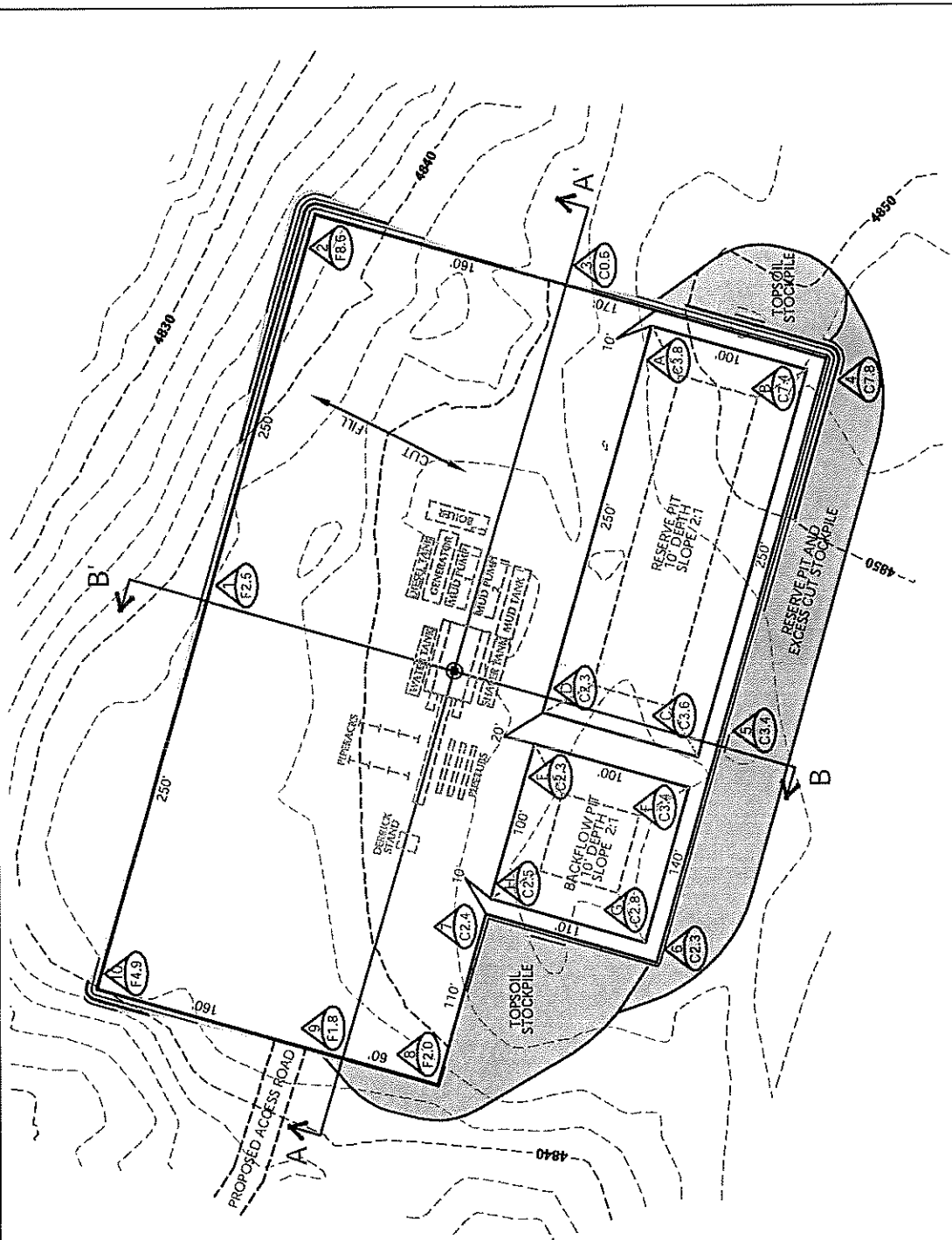
HORIZONTAL

0 50 100

1" = 100'

2' CONTOURS

Timberline
Engineering & Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078
(435) 789-1365



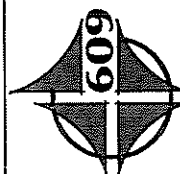
KERR-MCGEE OIL & GAS
ONSHORE L.P.

1099 18th Street - Denver, Colorado 80202

FEDERAL 920-24JT

WELL PAD - LOCATION LAYOUT

1881' FSL, 1903' FEL
NW1/4SE1/4, SECTION 24, T.9S., R.20E.
S.L.B.&M., Uintah County, Utah



CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

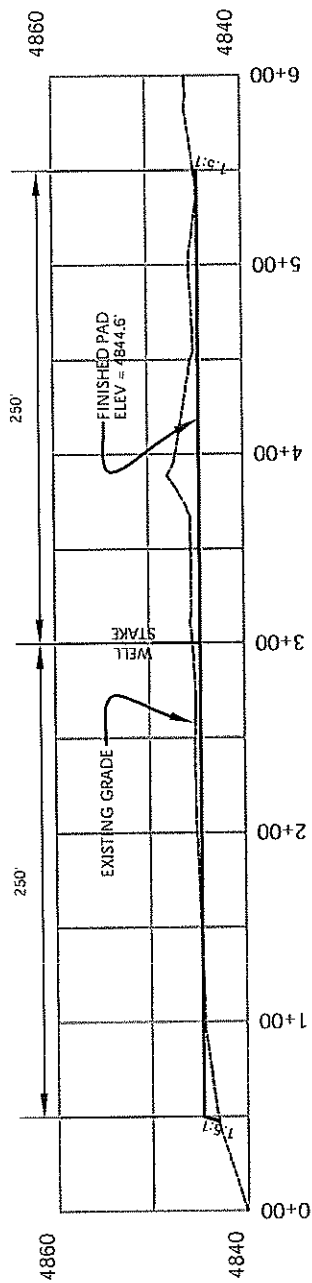
Scale: 1"=100' Date: 8/18/08 SHEET NO:

2

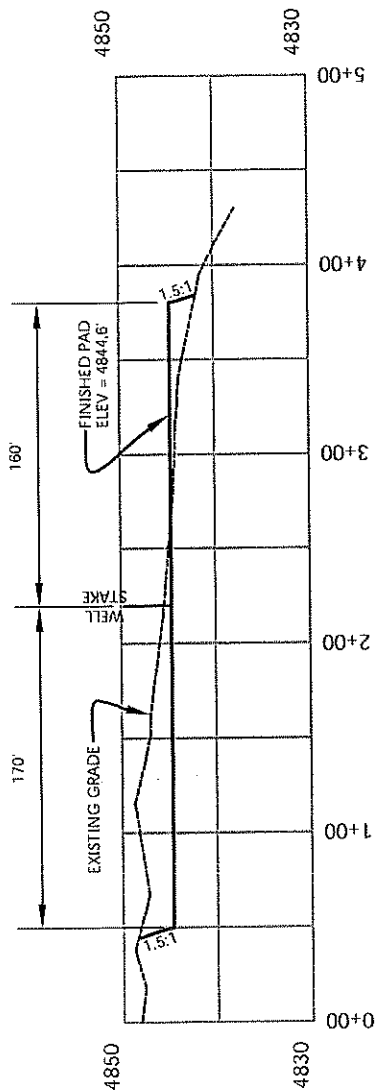
2 OF 9

BY DATE

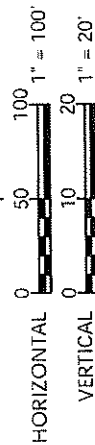
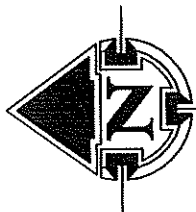
REVISED:



CROSS SECTION A-A'



CROSS SECTION B-B'



609 CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

KERR-MCGEE OIL & GAS
ONSHORE L.P.
1099 18th Street - Denver, Colorado 80202

FEDERAL 920-24JT

WELL PAD - CROSS SECTIONS

1881' FSL, 1903' FEL

NW1/4SE1/4, SECTION 24, T.9S., R.20E.

S.L.B.&M., UINTAH COUNTY, UTAH

Scale: 1"=100' Date: 8/18/08 SHEET NO:

3

BY

DATE

REVISED:

3 OF 9

Timberline
Engineering & Land Surveying, Inc.
38 WEST 100 NORTH
VERNAL, UTAH 84078
(435) 789-1365

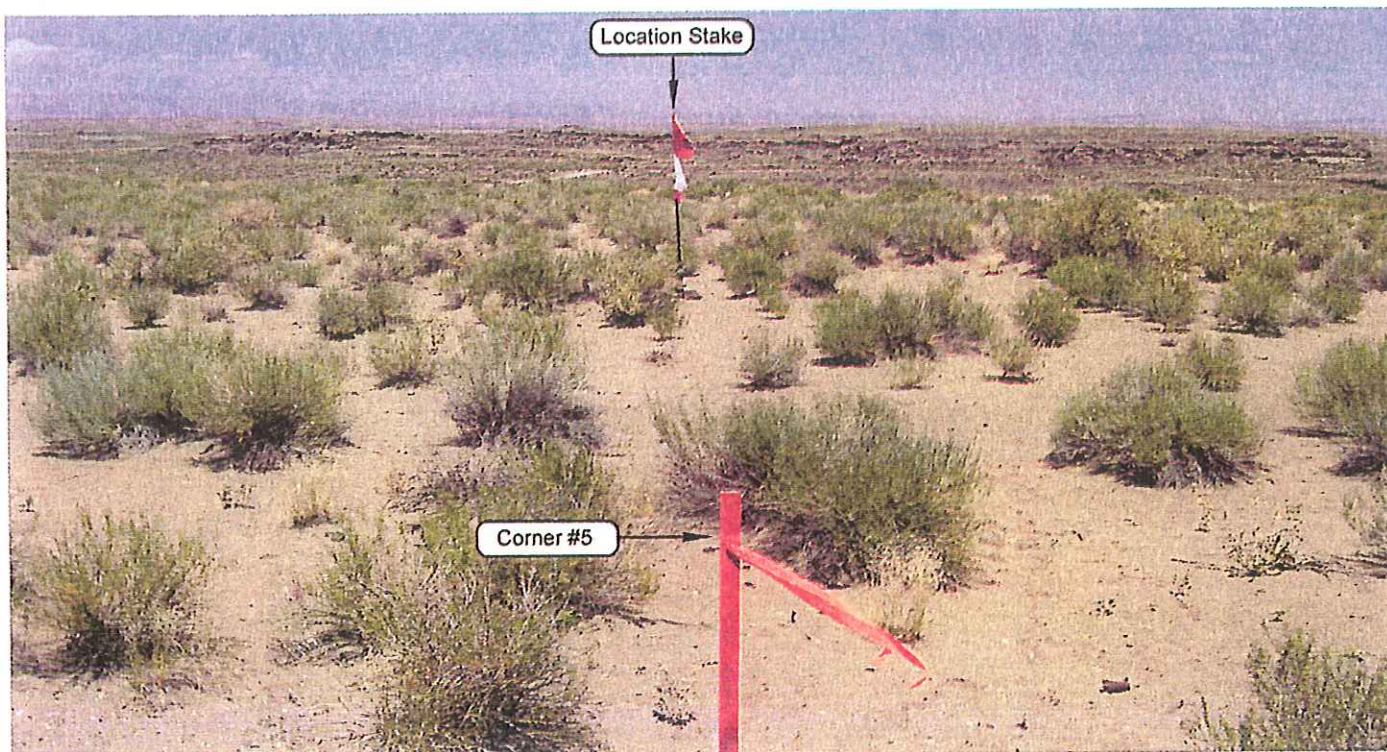


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: SOUTHEASTERLY

Kerr-McGee
Oil & Gas Onshore, LP
 1099 18th Street - Denver, Colorado 80202

FEDERAL 920-24JT
 1881' FSL, 1903' FEL
 NW $\frac{1}{4}$ SE $\frac{1}{4}$ OF SECTION 24, T9S, R20E,
 S.L.B.&M. UINTAH COUNTY, UTAH.



CONSULTING, LLC
 371 Coffeen Avenue
 Sheridan WY 82801
 Phone 307-674-0609
 Fax 307-674-0182

LOCATION PHOTOS

TAKEN BY: M.S.B.

DRAWN BY: B.R.B.

DATE TAKEN: 08-01-08

DATE DRAWN: 08-04-08

REVISED: 09-12-08

Timberline (435) 789-1365
Engineering & Land Surveying, Inc.
 38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET
 4
 OF 9

Kerr-McGee Oil & Gas Onshore, LP
FEDERAL 920-24JT
Section 24, T9S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 13.9 MILES TO THE JUNCTION OF STATE HIGHWAY 88. EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 88 APPROXIMATELY 16.8 MILES TO OURAY, UTAH. FROM OURAY, PROCEED IN A SOUTHERLY DIRECTION ALONG THE SEEP RIDGE ROAD (COUNTY B ROAD 2810) APPROXIMATELY 5.3 MILES TO THE INTERSECTION OF AN EXISTING ROAD TO THE EAST. EXIT LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION ALONG EXISTING ROAD APPROXIMATELY 3.8 MILES TO THE PROPOSED ACCESS ROAD FOR FEDERAL 920-24N. FOLLOW 920-24N ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1,800 FEET TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 110 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 40.1 MILES IN A SOUTHERLY DIRECTION.